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Technique Using Persistent Foci For Finite State Ma-
chine Based Software Test Generation

ABSTRACT OF THE DISCLOSURE:

5   A system for automatic generation of test programs
employs test generation foci linked to a finite state ma-
chine behavioral model of a software application under
test to produce abstract test suites that are executed by
an execution engine. The foci include directive expres-
10 sions that tag coverage variables of the behavioral
model. The execution engine operates until the tagged
coverage variables have assumed all their possible val-
ues. Both the behavioral models and the foci are archi-
vable and can be retrieved and reused independently.

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